

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041019\
 Data File : BG040429.D
 Acq On : 11 Apr 2019 00:23
 Operator : JU/SJ
 Sample : PB118770BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BL

Quant Time: Apr 11 06:46:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63126	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	243968	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	154366	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	411601	20.00	ng	-0.02
76) Chrysene-d12	21.69	240	411900	20.00	ng	-0.04
87) Perylene-d12	24.97	264	406652	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	372161	98.01	ng	-0.02
7) Phenol-d6	7.21	99	501216	95.51	ng	-0.02
23) Nitrobenzene-d5	9.22	82	300058	65.37	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	191941	115.05	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	693612	66.58	ng	-0.02
79) Terphenyl-d14	20.02	244	1207224	65.93	ng	-0.03

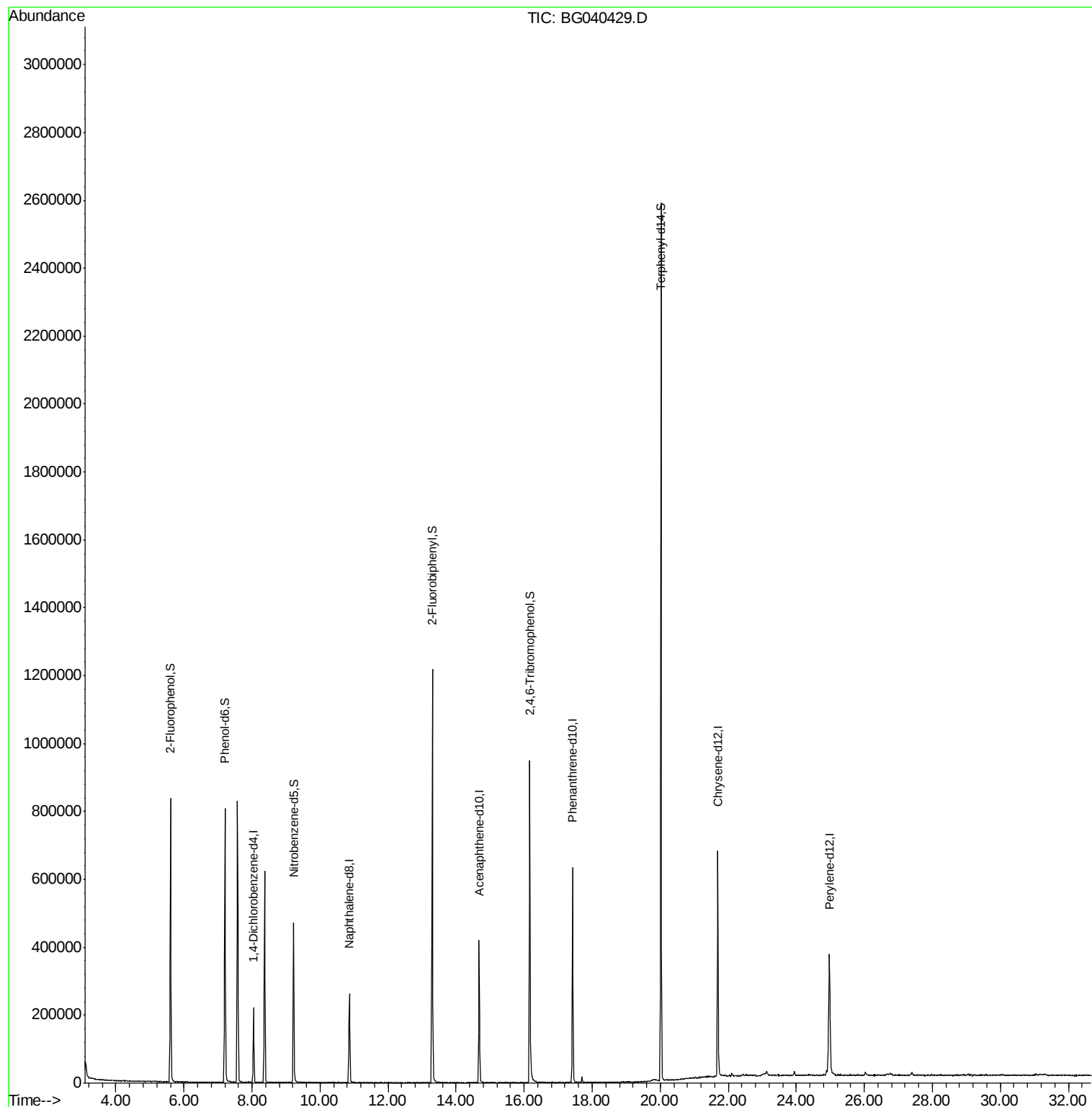
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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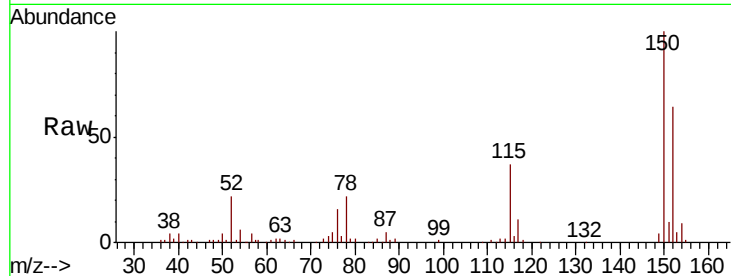


#1

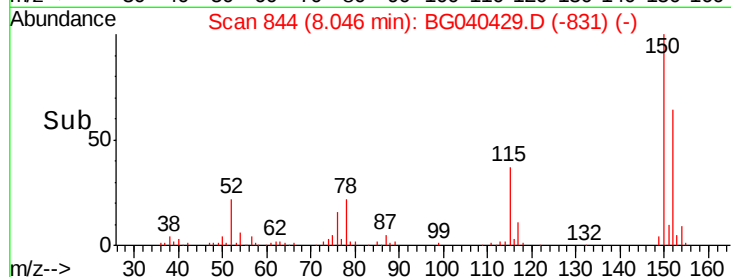
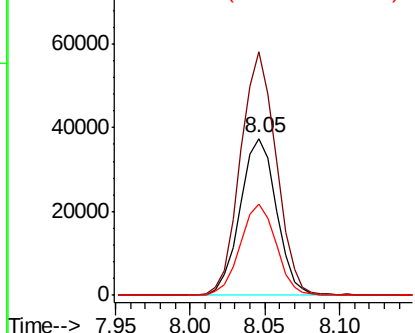
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Instrument :
BNA_G
ClientSampleId :
PB118770BL

Tot Ion:152 Resp: 63126
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 58.1 46.9 70.3



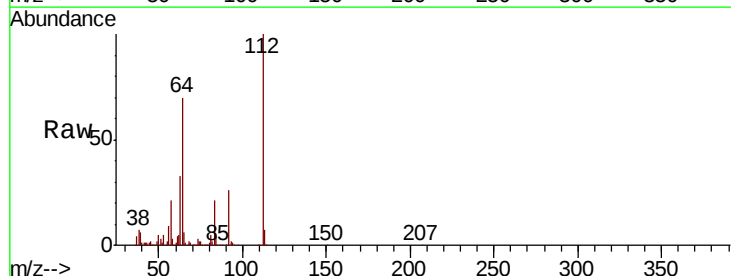
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



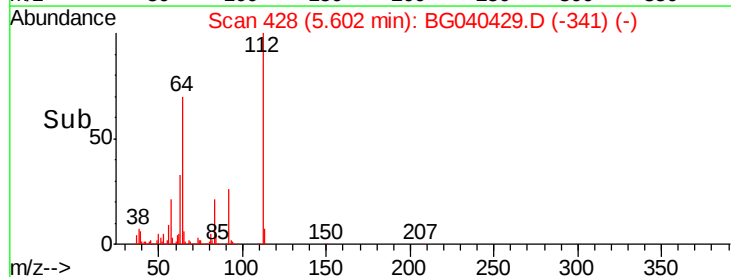
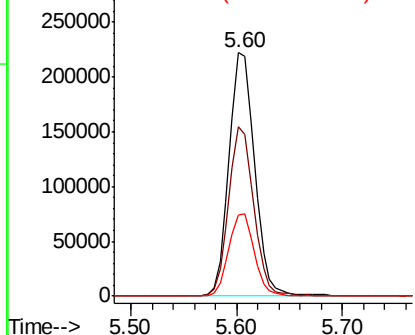
#5

2-Fluorophenol
Concen: 98.008 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040429.D
Acq: 11 Apr 2019 00:23

Tgt Ion:112 Resp: 372161
Ion Ratio Lower Upper
112 100
64 69.7 54.2 81.2
63 33.1 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 95.509 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

PB118770BL

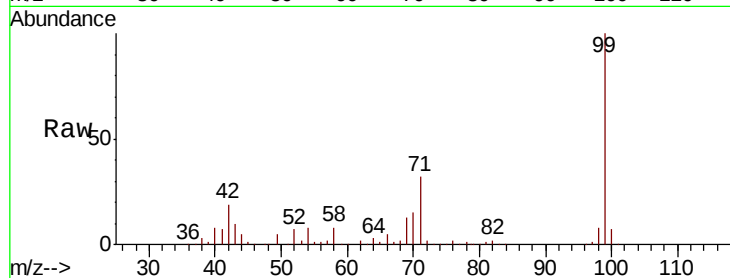
Tot Ion: 99 Resp: 501216

Ion Ratio Lower Upper

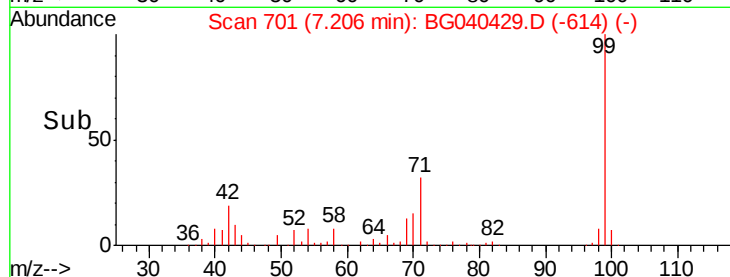
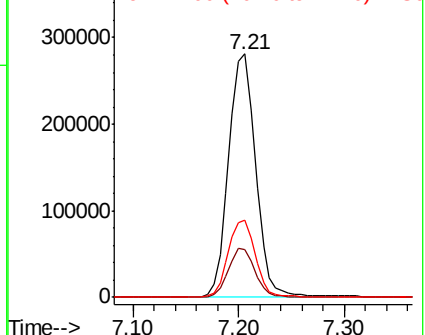
99 100

42 19.4 16.2 24.2

71 32.0 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Tgt Ion: 136 Resp: 243968

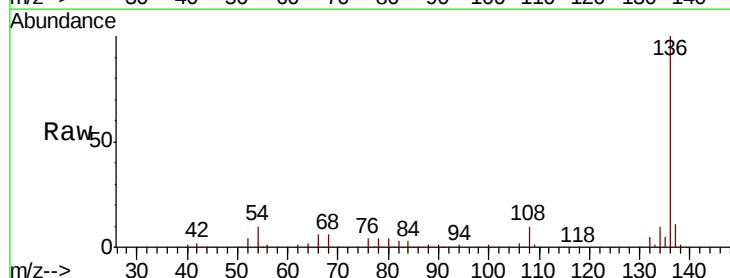
Ion Ratio Lower Upper

136 100

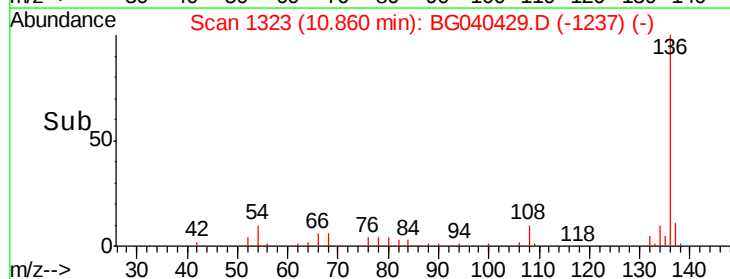
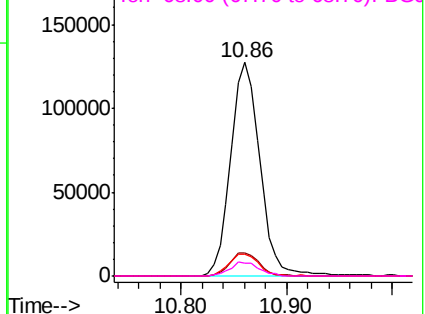
137 10.5 8.9 13.3

54 10.3 9.6 14.4

68 6.2 5.1 7.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

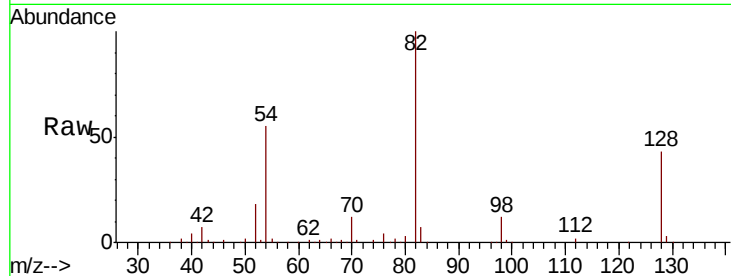




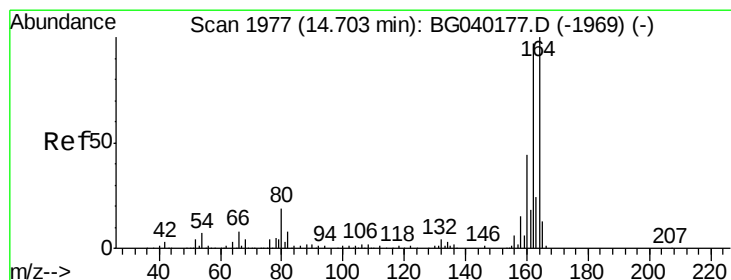
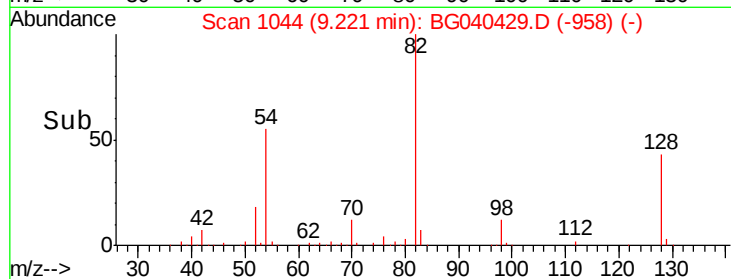
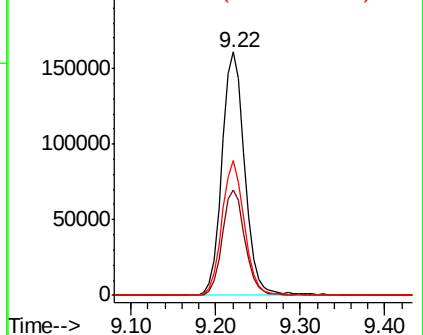
#23
 Nitrobenzene-d5
 Concen: 65.374 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BL

Tot Ion	82	Resp	300058
Ion Ratio	Lower	Upper	
82	100		
128	43.3	35.8	53.8
54	55.3	46.2	69.2

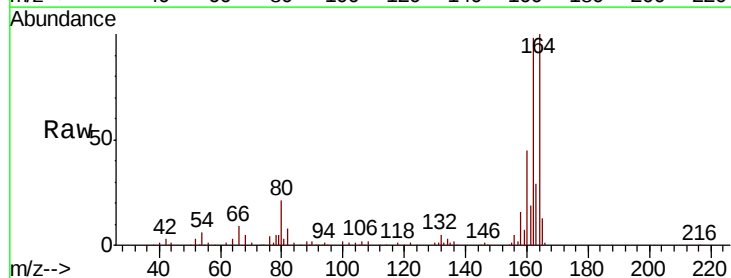


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

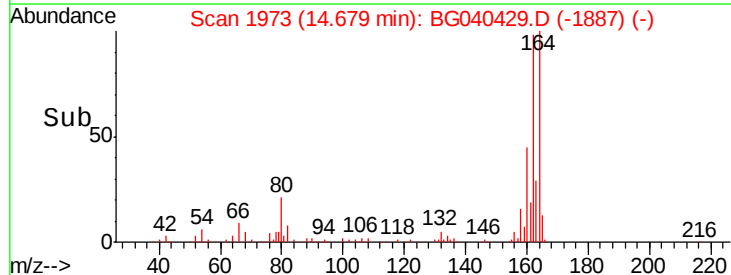
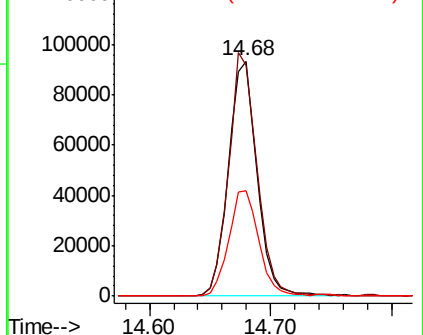


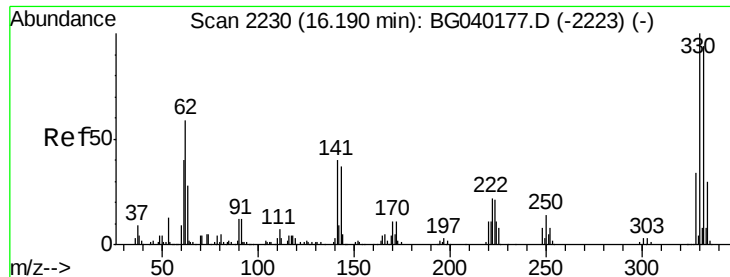
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion	164	Resp	154366
Ion Ratio	Lower	Upper	
164	100		
162	98.3	77.4	116.2
160	45.1	35.3	52.9



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

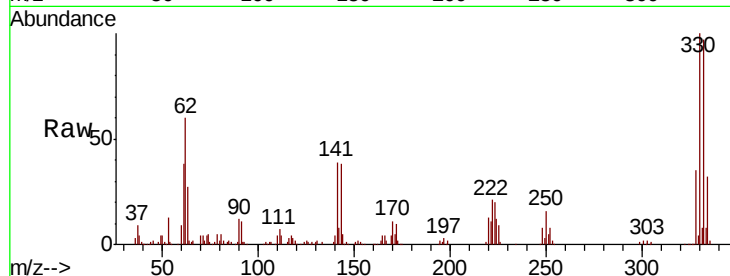




#42
 2,4,6-Tribromophenol
 Concen: 115.052 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.02 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.6	115.0
141	37.4	32.6	48.8

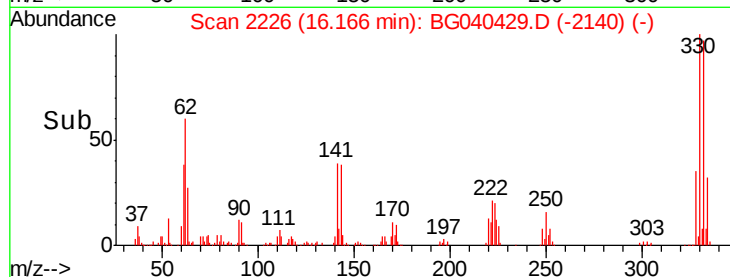
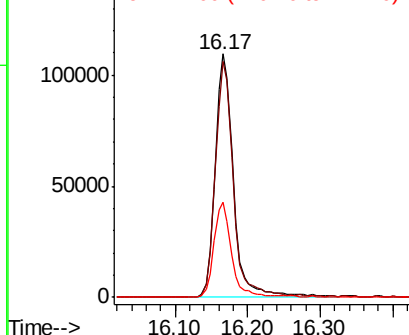


Abundance

Ion 329.80 (329.50 to 330.50): E

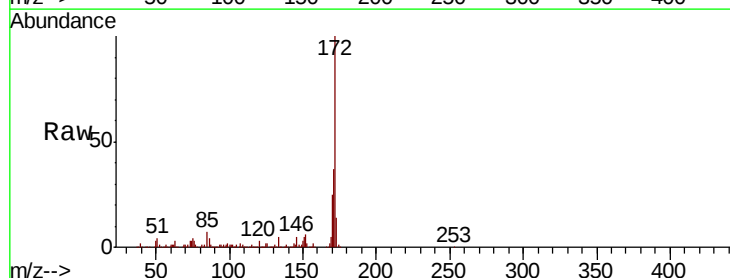
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 66.580 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.6	20.1	30.1

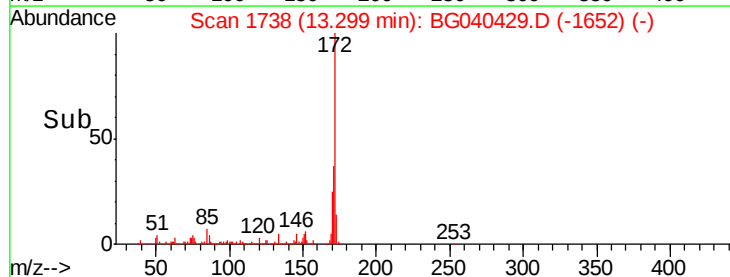
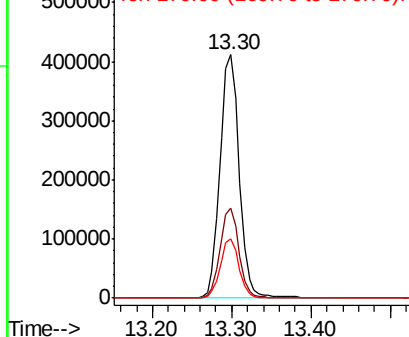


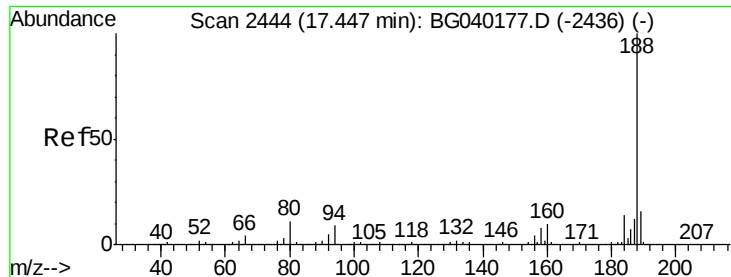
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

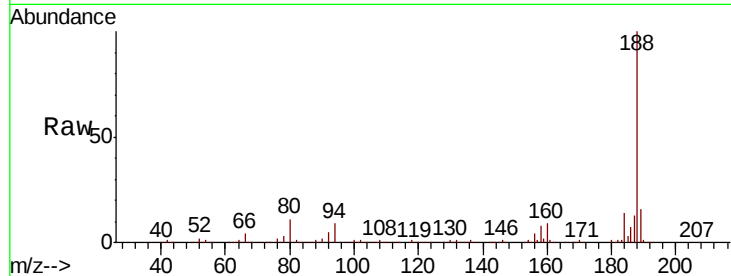




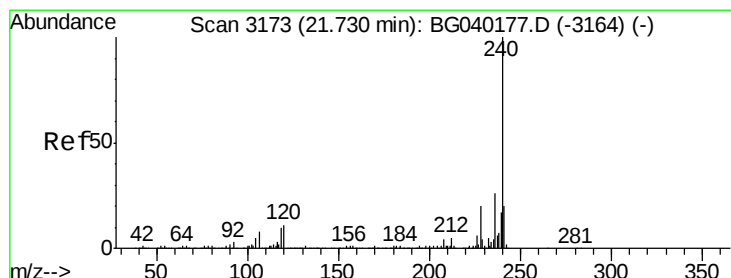
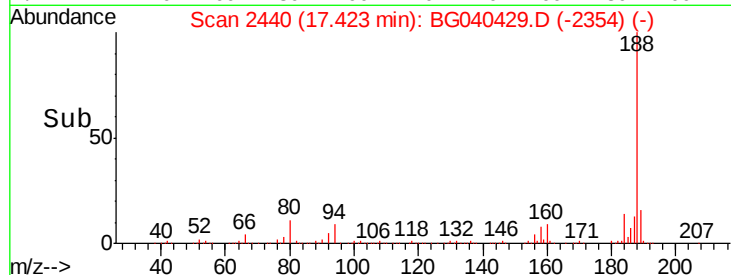
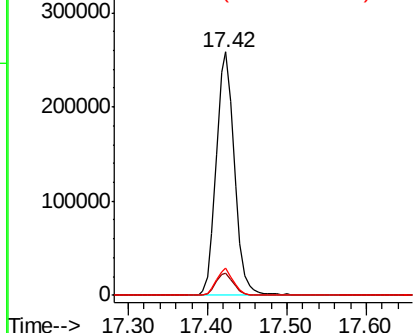
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Instrument :
 BNA_G
 ClientSampleId :
 PB118770BL

Tot Ion:188 Resp: 411601
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.0 10.4
 80 11.0 8.6 13.0

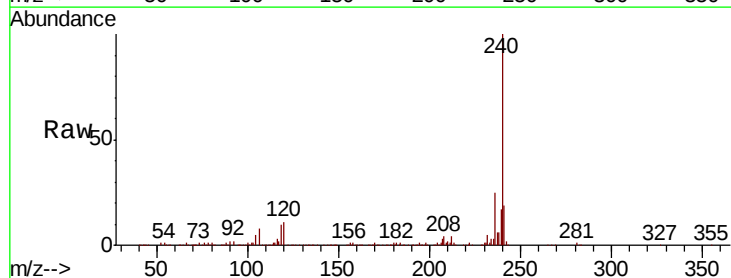


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

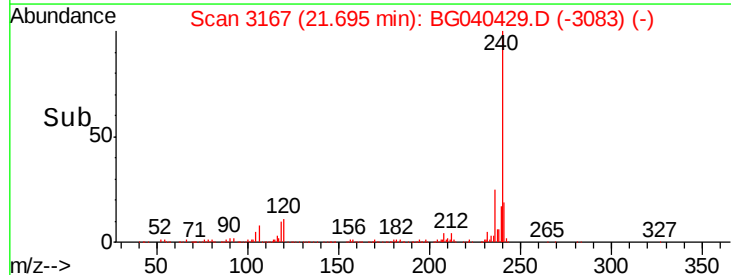
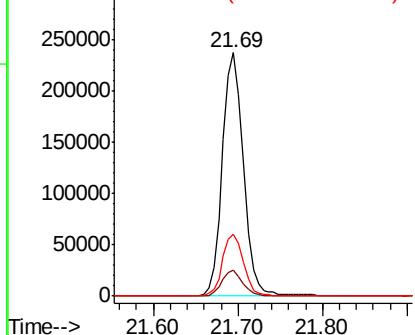


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3167
 Delta R.T. -0.04 min
 Lab File: BG040429.D
 Acq: 11 Apr 2019 00:23

Tgt Ion:240 Resp: 411900
 Ion Ratio Lower Upper
 240 100
 120 10.7 8.4 12.6
 236 25.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.934 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

Instrument :

BNA_G

ClientSampleId :

PB118770BL

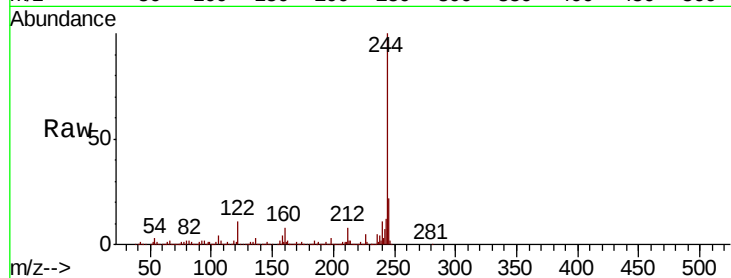
Tot Ion:244 Resp: 1207224

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

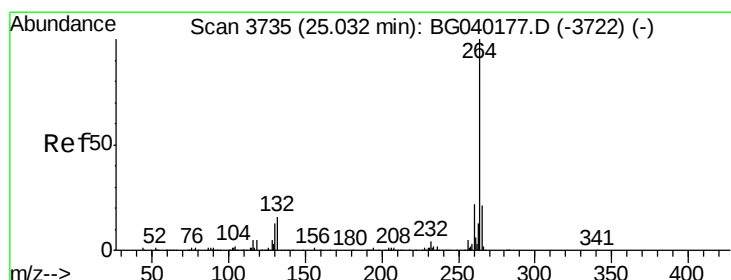
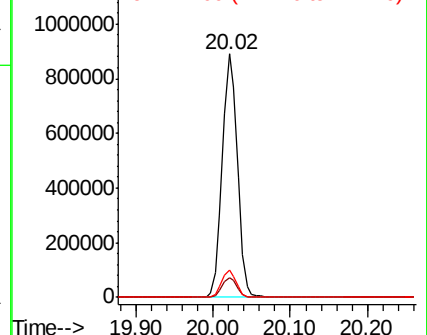
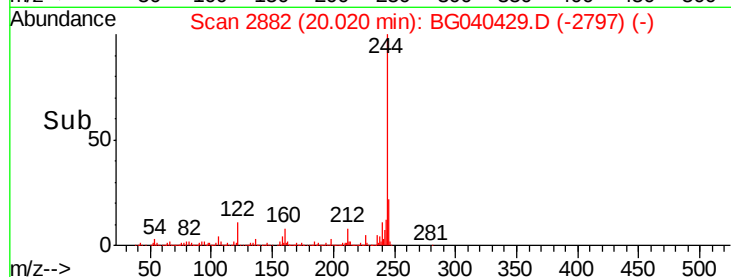
122 11.4 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040429.D

Acq: 11 Apr 2019 00:23

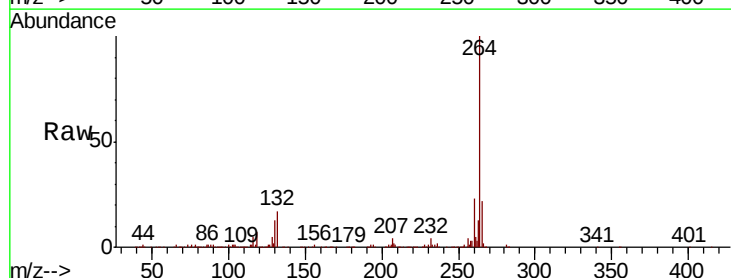
Tgt Ion:264 Resp: 406652

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 21.7 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

